

(3) 0 to 40 wt-% of at least one polyether, and

(4) at least one diisocyanate; and

(B) at least one reactive component selected from the group consisting of diamines, epoxide adducts of diamines, and polyalcohols;

wherein the weight percentages are based on the combined weight of the polyesters and polyethers.

2  
Claim ~~12~~ 7. The adhesive of claim ~~11~~ 7 wherein prepolymer A is obtained by reacting in admixture with at least one polyether.

3  
Claim ~~13~~ 2. The adhesive of claim ~~12~~ 2 wherein the polyethers of prepolymer A are selected from the group consisting of polyethylene glycol, polypropylene glycol, polytetramethylene glycol and polypropylene glycol modified with ethylene oxide.

4  
Claim ~~14~~ 1. The adhesive of claim ~~11~~ 1 wherein prepolymer A is obtained from a reaction mixture comprising

- (1) 25 to 55 wt-% of at least one straight-chain polyester, said polyester being at least semi-crystalline,
- (2) 15 to 20 wt-% of at least one straight-chain polyester selected from the group consisting of amorphous polyesters and liquid polyesters,
- (3) 0 to 40 wt-% of at least one polyether, and
- (4) at least one diisocyanate;

wherein the weight percentages are based on the combined weight of the polyesters and polyethers.

5  
Claim ~~15~~ 1. The adhesive of claim ~~11~~ 1 wherein the semi-crystalline straight-chain polyesters are prepared from dicarboxylic acids selected from the group consisting of adipic acid and adipic acid derivatives, and polyols selected from the group consisting of ethylene glycol and butanediol-1, 4.